Set Opposite Code

Meets NATEF Task: (A8-B-5) Diagnose the causes of emissions or driveability concerns with stored or active diagnostic trouble codes; obtain, graph, and interpret scan tool data. (P-1)

Name	Date	Time on Task
Make/Model/Year	_ VIN	Evaluation: 4 3 2 1
If a diagnostic trouble code is set, a comopposite code after clearing the original clear the DTC and attempt to set a DTC	code. For example,	, if a throttle position (TP) code is set,
 If a signal high DTC is set, clear unplug the sensor and a signal lo 		ne ignition switch on (engine off), et.
	terminal in the con	tor and using a jumper wire, connect nector (not at the sensor). Turn the C should set.
a. Which sensor was use b. What code set? c. Meaning of code set?	ed?	(C)
2. Clear the DTC.		
3. Disconnect the sensor wiring to set the opposite code.	and use a jumper w	ire
a. What code was set? _b. OK NOT 	OK	
Results:		

If the opposite code *does* set, the cause of the original DTC is the result of a fault in the sensor (component) itself.

If the opposite DTC does not set, the problem is likely due to a wiring fault.

NOTE: Always consult a factory service manual for the factors that must be met for a DTC to be set. Be sure that all factors are present when attempting to set the opposite code.